

---

**Guthrie, D.A., "Bird Surveys along a Portion of the Santa Clara River and Its  
Tributaries Upstream from the Castaic Creek Confluence, near Valencia,  
California, 2004" (August 24, 2004; 2004F)**

2004 Guthrie Birds - 0

MS.

2004  
Bird

**BIRD SURVEYS ALONG A PORTION OF THE  
SANTA CLARA RIVER AND ITS TRIBUTARIES  
UPSTREAM FROM THE CASTAIC CREEK CONFLUENCE,  
NEAR VALENCIA, CALIFORNIA, 2004**

Prepared for:

Mark Subbotin  
Valencia Corporation  
23823 Valencia Blvd.  
Valencia, Ca. 91355

Prepared by:

Daniel A. Guthrie  
W.M. Keck Science Center  
925 N. Mills Ave  
Claremont Ca. 91711  
(909) 607-2836  
dguthrie@jsd.claremont.edu

August 24, 2004

**REVISED**

**Bird Surveys along a Portion of the Santa Clara River Upstream from  
the Castaic Creek Confluence, near Valencia, California, 2004**

Prepared by: Daniel A. Guthrie  
W.M. Keck Science Center  
925 N. Mills Ave  
Claremont Ca. 91711  
(909) 607-2836

**Nature and Scope of Surveys**

During the spring and early summer of 2004 surveys were conducted along a section of the Santa Clara River and its tributaries near Valencia, California (Figure 1). Surveys were focused on determining presence or absence of yellow-billed cuckoo, least Bell's vireo and southwestern willow flycatcher, and followed U.S. Fish and Wildlife Service Survey Protocols for the latter two species. Numbers of all species observed were noted, and, in addition to the three species noted above, special attention was placed on locating species considered rare and endangered or of Special Concern, and on determining numbers of brown-headed cowbirds.

Each survey was conducted on foot by observers well acquainted with visual, auditory and behavioral characteristics of southern California birds. Survey routes were designed to cover all areas of each section of the river, with emphasis placed on wetter habitats where least Bell's vireos and other sensitive riparian species are most likely to occur. All surveys occurred between 6:00 and 10:00 a.m. If focus species (yellow-billed cuckoo, least Bell's vireo, and southwestern willow flycatcher), were not visually observed, tapes of their calls were played in an attempt to elicit a response. Personnel for all surveys were Daniel A. Guthrie and Judith A. Sugden, both working under Federal Fish and Wildlife Service Permit number TE810394-2, issued under section 10(a)(1)(A) of the Endangered Species Act and under an MOU from State of California Department of Fish and Game, dated April 23, 2003.

To facilitate surveys and observe the coverage guidelines for focus species, the area was divided into eight sections (Figure 1). Delineation of the eight areas and comments on each follow. Surveys of all sections of the river system were conducted five times during the nesting season and followed the Revised Protocol (Fish And Wildlife Service, July 2000) for southwestern willow flycatcher. Several sections of the river (Areas 4, 6-8) had no running water or wet riparian vegetation and were not considered suitable habitat for least Bell's vireo. However, areas 1-3,5 had flowing water and wet riparian vegetation. These sections were surveyed according to the protocol for least Bell's vireo as outlined by the Fish and Wildlife Service. This latter protocol requires 8 surveys between April 10 and July 31st, at least 10 days apart.

### **Habitat Condition and Bird Observations.**

The riparian zone of the Santa Clara River, as described here, consists of two major habitat types, a wet riparian zone and a dry riparian woodland. The wet riparian zone consists of obligatory wet plants such as cattail and watercress found in continually moist soils along the active river channel and some willow, tamarisk and *Baccharis* shrubs also found in this zone. This zone undergoes regular scouring in the winter which removes most annual vegetation and, depending on the severity of the flooding, some of the larger plants. These plants gradually repopulate the riparian zone, becoming completely established by July.

The dry riparian zone consists of larger trees and shrubs further back from the active river which obtain moisture through their deep root system. During 2004 rainfall was minimal with the result that in this zone annual plants were found only in a few areas that received runoff from nearby suburbs and agricultural fields.

Observations of all birds are shown in Tables 1-8. The numbers shown are of birds seen and heard, with heard individuals forming the majority of the observations. Numbers vary between censuses. Bird activity varies with season. Different species breed at different times of the year. In general, species are most easily observed when they are actively defending territories by song during the establishment of breeding pairs. Once pairs are established and nesting begins song often decreases and the numbers of birds observed, therefore, also decreases. After young leave the nest, numbers observed may increase. Thus, for most resident species, numbers of adult birds are most accurately censused in April and May, when territorial activity is at a maximum. A few species such as Anna's hummingbird that nest early in the season may be underestimated. Many species that nest in the area also migrate through the area to more northern portions of their ranges. Thus, numbers of nesting species observed in May, which include migratory birds passing through the area, do not give an accurate count of actual resident birds.

#### **Area 1 (Table 1). Santa Clara River; The Old Road Bridge to the mouth of Castaic Creek.**

Length of section, 3.5 miles. The Santa Clara River flows continuously in this section, receiving most of its flow from the Valencia waste water outfall near the upstream end of this section and from some irrigation runoff from Magic Mountain and agricultural fields along the north side.

Along the upper portion of this section, wet riparian vegetation forms a narrow strip along the main channel of the Santa Clara River. This section was little damaged by spring flooding. The extensive willow riparian zone near Magic Mountain and along the agricultural fields north of the river also was not damaged. Scouring did occur further downstream towards the mouth of Castaic Creek. Least Bell's vireos nested near Castaic Junction and white-tailed kite nested in the dry woodlands towards the mouth of Castaic Creek.

**Area 2 (Table 2). Santa Clara River; McBean Parkway downstream to The Old Road.**

Length of section, 1.4 miles. Although the Santa Clara River has flowed continuously in this section in past years, in 2004 flow was very low. There was no flow from McBean Parkway west to the pipeline crossing where seepage within the stream channel began a small flow. This flow stopped at the railroad crossing. Seeps near Interstate 5 provided flow between Interstate 5 and The Old Road. Lack of water resulted in their being little wet riparian vegetation during most of the survey period. The wet willow forest near the mouth of San Francisquito Creek was carefully surveyed for focus species as migrating willow flycatcher have been seen here in previous years. None were found this year.

**Area 3 (Table 3). Santa Clara River; Bouquet Canyon Road downstream to McBean Parkway**

Length of section, 1.2 miles. Water, supplied by the Saugus wastewater outfall at the Bouquet Canyon Bridge usually flows the length of this section but this year the western half of this section was dry. This resulted in a reduction in birds that prefer wet riparian vegetation, such as song sparrow and yellowthroat.

**Area 4 (Table 4). Santa Clara River; Bouquet Canyon Road upstream to DWP transmission lines.**

Length of section, 2.3 miles. The river channel in this section consists of a broad, flat, dry wash with narrow margins of dry riparian woodland. Within the channel are areas of coastal sage scrub habitat. This section of the Santa Clara River in past years has been wet only briefly during spring rains and due to water release from pumps one mile upstream from Bouquet Canyon Road. This section was completely dry during all surveys this year. This resulted in the almost complete absence of riparian species such as song sparrow and yellowthroat.

Rufous-crowned sparrow and loggerhead shrike, resident on hillsides along the river, were observed visiting the stream channel. Aside from migrants, most of the other birds observed in this section are characteristic of coastal sage and dry riparian woodlands.

**Area 5 (Table 5). Castaic Creek; Route 126 to Interstate 5.**

Length of section, 1.8 miles. Except for pockets of wet vegetation formed near irrigation runoff channels, and remnant puddles from spring water releases near the middle and lower part of this section, the creek was dry much of this spring. Despite this lack of permanent water flow, many wet riparian species (song sparrow, yellowthroat, nested successfully. Cliff and rough-winged swallows nested under the three bridges that cross this section of the river. The extensive willow forest on this section where least Bell's vireo once nested has matured and was dry much of this year. Two willow flycatchers were observed here in late May but could not be refound on any subsequent visits.

**Area 6 (Table 6). San Francisquito Creek; Santa Clara River upstream to Copper Hill Drive Crossing.**

Length of section, 2.5 miles. Along most of this section the riparian zone consists of a broad sandy channel. In the upper part of this section the creek is bordered by land undergoing development. Coastal sage scrub plants occur within the channel as do sections of dry riparian woodland consisting mostly of cottonwoods. Although some water releases from upstream dams occurred during the winter months, no water was present during the survey period except along short sections due to suburban runoff at Copper Hill and at the Decoro Drive crossings. Barn owls nested under the Copper Hill bridge and a Cooper's hawk nested about ½ mile south of the Copper Hill crossing.

**Area 7 (Table 7). South Fork of the Santa Clara River; McBean Parkway to Magic Mountain Parkway (Route 126).**

Length of section, 1.0 miles. The channel along this section of the South Fork is narrow and very sandy. Along most of this section vegetation is restricted to a narrow band of dry woodland at each side of the channel and a few pockets of wet vegetation supported by runoff from adjacent development. No flooding occurred on the South Fork and perennial vegetation was poorly developed due to the lack of much spring rainfall. The cattail marsh near the confluence with the main channel of the Santa Clara river was soured by spring floods and lack of water from the main channel resulted in no new growth during the study period.

**Area 8 (Table 8). South Fork of the Santa Clara River, Route 126 upstream to Newhall Creek.**

Length of section, 1.4 miles. This section of the river consists of a wide sandy channel intersected by several concrete sills designed to restrict sand movement and flood damage. The river is entirely bordered by developed areas but contains small islands of dry riparian vegetation and some wet riparian areas formed by runoff from culverts along the sides of the creek. No flooding has occurred on this section of the river in recent years and riparian vegetation around these culverts continues to develop into areas of cottonwood and willow woodland, resulting in the continued increase in riparian species along this section of the river.

**Comments on Threatened and Endangered Species**

**Yellow-billed Cuckoo (*Coccyzus americanus*)**

The Yellow-billed Cuckoo is listed as a State Endangered Species. Despite playing taped calls of this species during June and July surveys, no individuals of this species were observed in 2004.

### **Southwestern Willow Flycatcher (*Empidonax traillii extimus*)**

This subspecies is listed as Federally Endangered under the Federal Endangered Species Act. Willow flycatchers were once widespread in wet riparian woodland in southern California but now fewer than 70 pair remain, with the major concentrations being along the Kern River and the Santa Margarita River in San Diego County. Following the Revised Protocol (Fish And Wildlife Service, July 2000) five surveys (see tables 1-8 for dates) were conducted specifically for southwestern willow flycatcher. All surveys occurred between 6:00 and 10:00 am. and used taped calls to elicit a response if flycatchers were not first observed.

A single willow flycatcher was observed on the South Fork of the Santa Clara river on June 11. This bird did not call until a tape was played. Two willow flycatchers were observed on Castaic Creek on May 31<sup>st</sup>. One of these birds was located by its calling. Despite attempts to relocate these birds on subsequent visits, they could not be relocated.

Willow flycatchers are fairly common migrants through southern California and most of the migrants are believed to be of the more northern common subspecies of willow flycatcher, *E. t. brewsteri*, which breeds throughout southern Canada and the northern United States, rather than representatives of the southwestern subspecies *E. t. extimus*. Southwestern willow flycatchers are positively identified primarily by nesting within the geographic area of their range or by measurements of in hand specimens. Both observations in 2004 were at a time when the northern subspecies is migrating through the area, and lacking any subsequent evidence of nesting, this observations of a willow flycatcher cannot be positively identified as belonging to the southwestern form of willow flycatcher.

The report forms required for this species are attached and will be forwarded to the Ventura Office of the U.S. Fish and Wildlife Service.

### **Least Bell's Vireo (*Vireo bellii pusillus*)**

Surveys of the wet riparian areas (Areas 1-3,5) followed U.S. Fish and Wildlife Service Guidelines for least Bell's vireo. Eight surveys were conducted between April 10 and July 31 (see Tables 1-3,5 for dates). All surveys occurred between 6:00 and 10:00 am. . The least Bell's vireo is a very vocal species and most birds were located without the use of taped calls. However, tapes were used to elicit responses in early spring, before vireo arrival, in late summer, when vireos were less vocal, and in areas of marginal habitat or where vireos were expected from previous sightings but could not be heard. A calling vireo was considered a territorial male. If a second, silent bird was observed in the same area, a pair was considered to be present.

However, to avoid disturbance, no efforts were made to find nests, locate with certainty females in territories, or to locate fledged young in established territories. Numbers of vireos shown in Table 1 are actual numbers of birds observed. These numbers include all vireos, both singing and silent. In order to avoid disturbing vireos, no special efforts were made to determine nesting success or presence of leg bands once birds were observed. However, at each location where vireos were found, they were observed at least once, and no leg bands were observed.

Least Bell's vireos were regularly observed along the Santa Clara River at Castaic Junction in an extensive stand of willows (Figure 3, area 7). An early survey (May 1<sup>st</sup>) found 10 singing birds, but 4 of these were not found in any subsequent visits. Vireos were regularly heard in at least six locations and are thought to represent mated pairs. Although vireos have been present in previous years along Castaic Creek (Figure 3, area 6), none were found there this year.

### **Comments on Sensitive Species**

#### **Great Blue Heron (*Ardea herodias*)**

Great blue herons are listed on the California Natural Diversity Data Base as a species that warrants monitoring. Herons were occasionally observed along the Santa Clara River at Castaic Junction. No nesting was observed.

#### **Great Egret (*Ardea alba*)**

The great egret is listed on the California Natural Diversity Data Base as a species that warrants monitoring. A single individual was near Castaic Junction in early Spring. There was no evidence of breeding.

#### **White-tailed Kite (*Elanus leucurus*)**

This species, formerly the black-shouldered kite, is considered a Species of Special Concern by the State of California. A pair of kites nested near the railroad bridge between the McBean crossing and Interstate 5 and a second pair nested in the dry riparian woodland near Travel Village west of Castaic Junction. A third pair may have nested along the upper reaches of San Francisquito Creek.

#### **Cooper's Hawk (*Accipiter cooperii*)**

Cooper's hawk is considered a Species of Special Concern by the State of California. A Cooper's Hawk nested along San Francisquito Creek a little below the Copper Hill Crossing. Nesting also probably occurred near Travel Village west of Castaic Junction and near the railroad trestle west of McBean Crossing. Single sightings of Cooper's hawks occurred on the upper section of the Santa Clara River and on South Fork.



**California Horned Lark (*Eremophila alpestris actia*)**

This is a California Special Concern species. Although none were observed nesting on the study site, horned larks are ground nesters that prefer bare hillsides and abandoned fields. A few were observed feeding on bare fields and construction areas along Castaic Creek

**Loggerhead Shrike (*Lanius ludovicianus*)**

This is a California Special Concern species. Shrikes are resident in the coastal sage scrub areas adjacent to the Santa Clara River. A single bird was observed on June 27 above the Bouquet Canyon Crossing. This bird was hunting but there was no evidence of nesting in the river corridor.

**Yellow Warbler (*Dendroica petechia*)**

The yellow warbler is considered a Species of Special Concern by the State of California. Yellow warblers prefer wet riparian habitat but are also found in large cottonwoods in drier riparian areas. Singing yellow warblers were observed throughout the survey period along sections 1, 2 (main river from McBean Parkway to Castaic Creek) and 5 (Castaic Creek) and probably nested in these areas. Observations in sections 3, 4, 6 and 8 and occurred only during the migration period.

**Yellow-breasted Chat (*Icteria virens*)**

The yellow-breasted chat is considered a Species of Special Concern by the State of California. Chats were observed throughout the survey period along the Santa Clara river between the Old Road and the mouth of Castaic Creek.

**Southern California Rufous-crowned Sparrow (*Aimophila ruficeps canescens*)**

This species is considered a California Special Concern species by the Department of Fish and Game and is also a Federal Special Concern species. A few birds visited the river channel near Castaic Junction and a mile above the Bouquet Canyon Rd crossing. In both areas there is extensive coastal sage habitat adjacent to the river in which this species breeds.

**Tricolored Blackbird (*Agelaius tricolor*)**

This species is considered a California Special Concern species by the Department of Fish and game and is also a Federal Special Concern Species. A small colony of Tricolored blackbirds nested one year in the 1990's along Castaic Creek and in recent years, one or two sightings of migratory individuals have occurred most years. In 2004 there were no sightings of this species.

### **Lawrence's Goldfinch (*Carduelis lawrencei*)**

This species is a highest priority species on the Audubon Birds to Watch list for 1996 and is a Bird of Management Concern for the Fish and Wildlife Service. Small numbers of this species were observed along Castaic Creek and along the Santa Clara river between the mouth of Castaic Creek and the McBean Parkway bridge. This species is a resident in coastal sage habitat

### **Comments of Brown-headed Cowbirds**

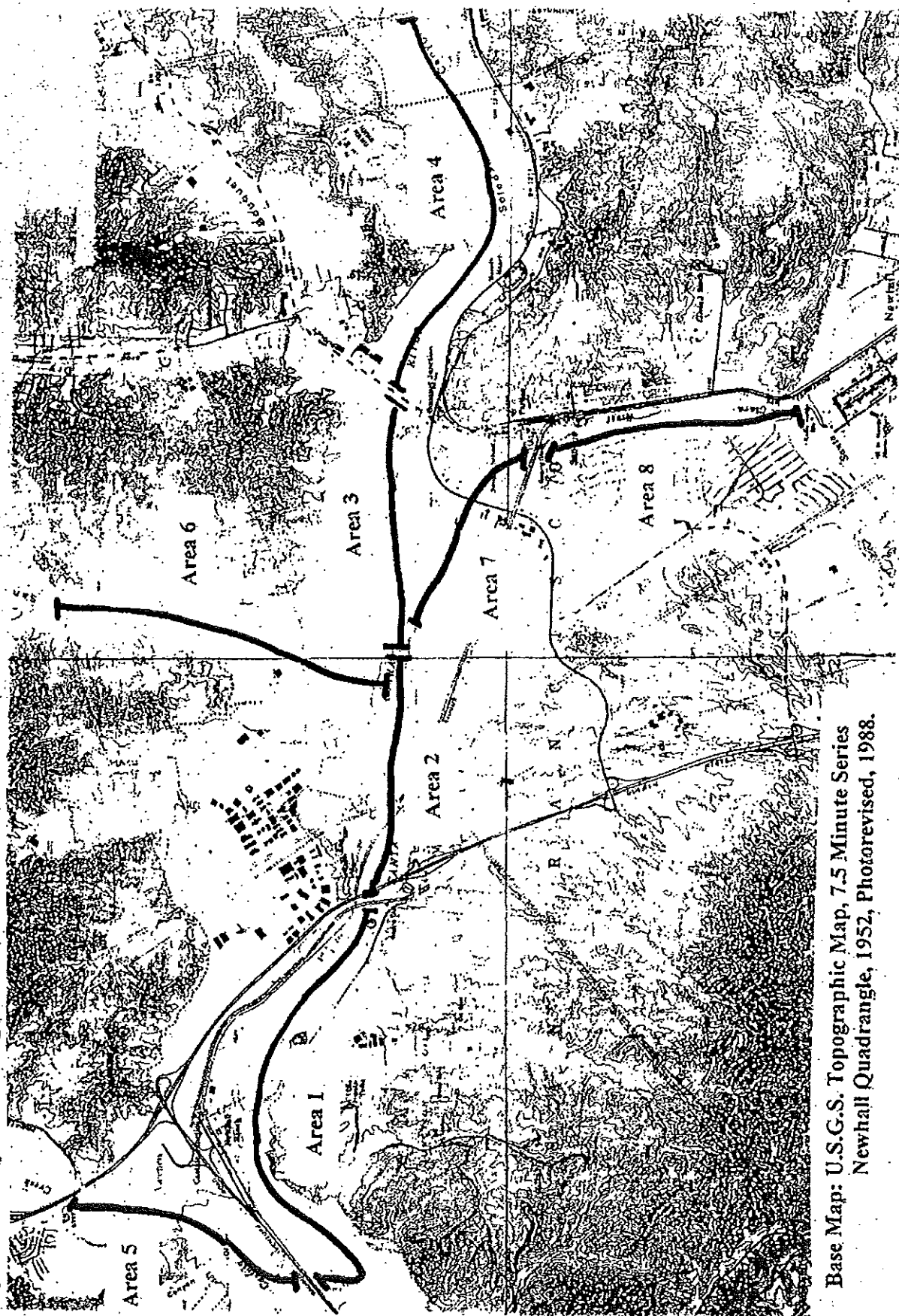
Although not a Species of Concern, comments about this species are warranted due to its influence on several endangered species. Cowbirds were regularly observed along all sections of the Santa Clara River, usually flying along the riparian corridor searching for either mates or potential nests to parasitize. Cowbird females often responded to taped calls of least Bell's Vireo. Cowbird traps were operated throughout the study period just north of the Valencia Wastewater outfall (section 1).

### **Summary**

No yellow-billed cuckoos were observed in 2004. Three willow flycatchers were observed during the migration period for this species. Based on the behavior of these birds and failure to find them on subsequent visits, they are thought to be migrants passing through the area. It is not known which subspecies these birds represented. Up to six pairs of Least Bell's vireos were regularly observed at Castaic Junction. Additional territorial males observed early in the season could not be relocated in later surveys.

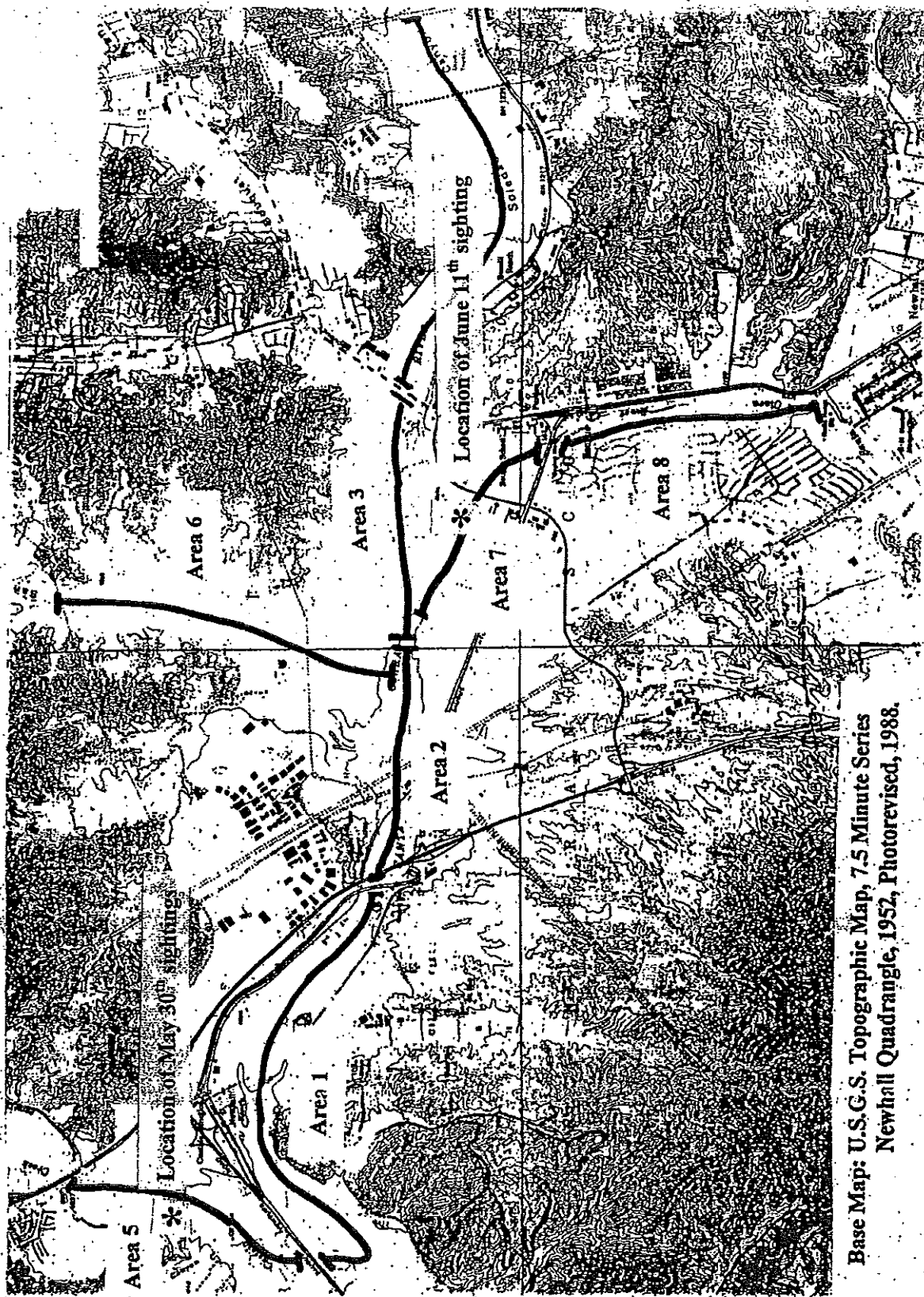
Four riparian Species of Concern, white-tailed kite, Cooper's hawk, yellow warbler and yellow-breasted chat nested in small numbers along wet sections of the river. Other Species of Concern include two migrant or wintering species; great blue heron and great egret and three visitors from nearby coastal sage scrub habitat; horned lark, loggerhead shrike and rufous-crowned sparrow. Cowbirds were numerous along the wet sections of the river where the wet riparian species that they parasitize were present.

Figure 1. Survey Areas along the Santa Clara River and Tributaries.



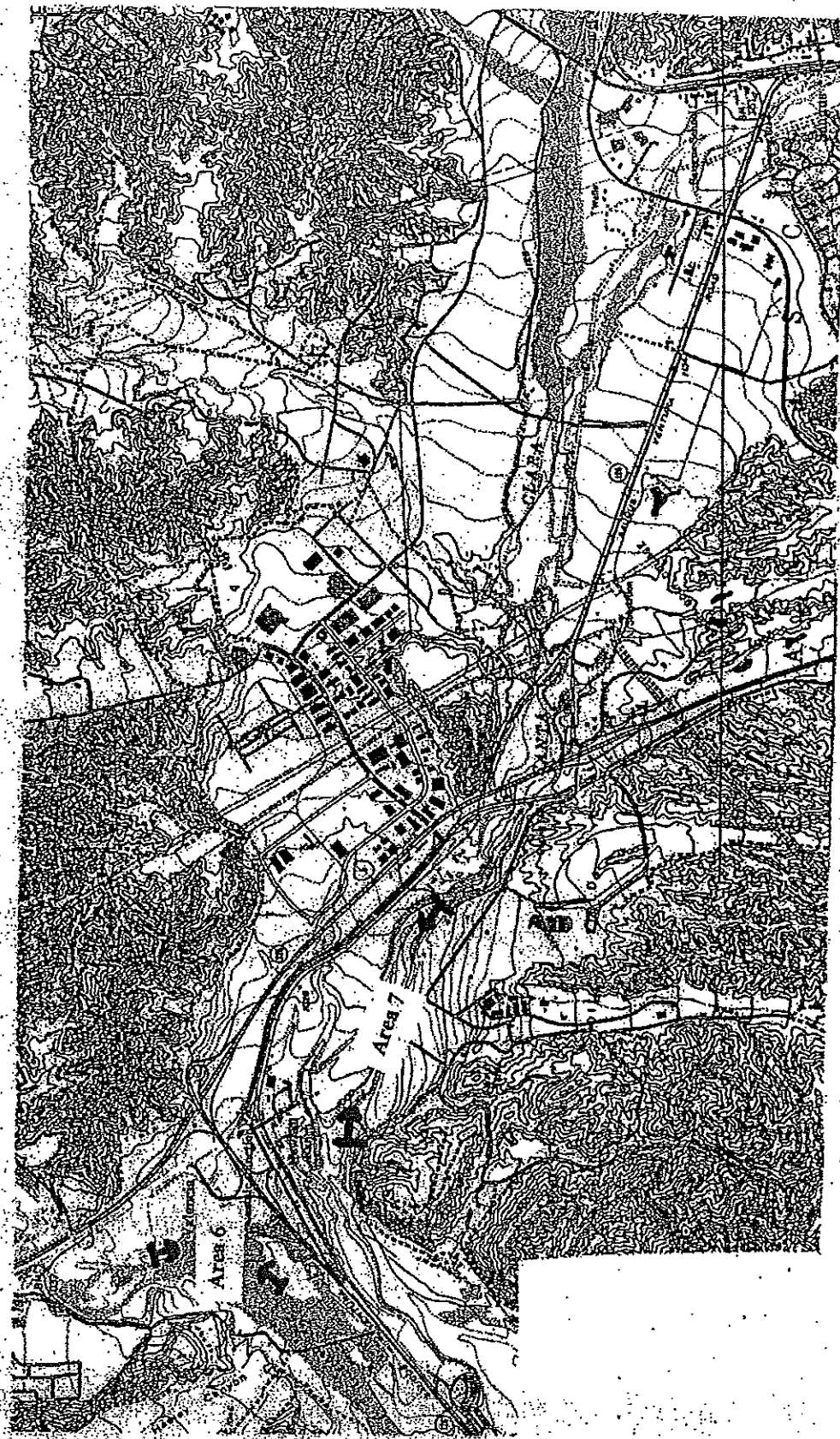
Base Map: U.S.G.S. Topographic Map, 7.5 Minute Series  
Newhall Quadrangle, 1952, Photorevised, 1988.

Figure 2. Observations of willow flycatcher in 2004.



Base Map: U.S.G.S. Topographic Map, 7.5 Minute Series  
Newhall Quadrangle, 1952, Photorevised, 1988.

Figure 3. Location of Least Bell's Vireo breeding records near Cassie Junction.



Base Map: U.S.G.S. Topographic Map, 7.5 Minute Series  
Newhall Quadrangle, 1952, Photorevised, 1988

Table 1. BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: Santa Clara River from The Old Road downstream to the mouth of Castaic Creek.									
Endangered Species and Species of Concern Shaded									
SPECIES	STATUS	Dates of Surveys							
		4/13	5/1	5/18	5/28	6/9	6/22	7/2	7/13
Great Blue Heron	m,w	0	0	0	0	2	0	0	0
Great Egret	m	1	0	0	0	0	0	0	0
Snowy Egret	m,w	1	0	0	0	0	0	0	0
Green Heron	r	5	2	4	6	3	3	6	2
Black-crowned Night-heron	m,w	0	0	1	0	8	3	1	0
Turkey Vulture	s	0	0	0	0	3	0	0	0
Mallard	r	12	4	16(22)	5	11(12)	5	0	19
White-tailed Kite		0	0	0	0	0	0	0	0
Cooper's Hawk		0	0	0	0	0	0	0	0
Red-shouldered Hawk	r	1	0	5(1)	3	1	5	0	2
Red-tailed Hawk	r	0	0	4	0	3	0	0	0
California Quail	r	12	7	10	12	12	5	22	48
Killdeer	r	12	3	16	9	18	4	0	0
Spotted Sandpiper	s	0	1	7	2	10	2	0	2
Rock Dove	r	6	4	0	0	0	0	0	0
Mourning Dove	r	28	8	51	10	25	24	16	29
White-th. Swift	r	0	0	2	4	3	8	0	2
Black-chinned Hummingbird	s	0	1	0	0	0	1	0	7
Anna's Hummingbird	r	3	12	1	8	2	10	0	22
Costa's Hummingbird	s	1	0	0	0	0	0	0	2
Rufous Hummingbird	m	0	0	0	0	0	0	1	0
Belted Kingfisher	m	2	0	1	0	0	0	0	0
Nuttall's Woodpecker	r	5	2	3	9	11	14	9	10
Downy Woodpecker	r	4	3	9	2	2	16	3	5
Hairy Woodpecker	r	1	0	2	2	2	2	0	3
Pacific Slope Flycatcher	s	0	1	2	8	2	0	0	0
Black Phoebe	r	1	4	6	3	20	15	14	28
Ash-throated Flycatcher	s	10	8	24	11	13	15	5	29
Western Kingbird	s	0	0	0	0	0	0	0	2
Belted Kingfisher		0	0	0	0	0	0	0	0
Western Scrub Jay	r	15	7	14	14	16	7	6	10
American Crow	r	0	7	10	5	18	11	5	5
Common Raven	r	33	2	11	16	17	22	16	41
House Sparrow		0	0	0	0	0	0	0	0
Tree Swallow	s	0	0	2	0	0	1	0	0
Violet-green Swallow	s	1	1	4	0	5	3	11	0
N. Rough-winged Swallow	s	14	13	36	32	102	49	25	8
Cliff Swallow	s	44	2	49	210	82	43	58	18
Barn Swallow	s	0	0	0	0	13	4	1	2
Oak Titmouse	r	8	6	9	26	10	10	2	33
Bushtit	r	14	32	49	4	70	65	0	43
Bewick's Wren	r	29	19	60	84	56	40	23	44
House Wren	r	26	3	22	29	6	0	0	3

**Table 1 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: Santa Clara River from The Old Road downstream to the mouth of Castaic Creek.**

Endangered Species and Species of Concern Shaded									
SPECIES	STATUS	Dates of Surveys							
		4/13	5/1	5/18	5/28	6/9	6/22	7/2	7/13
Western Bluebird	r	2	8	0	2	4	14	8	8
Wren-tit	r	4	6	17	8	12	10	5	19
Northern Mockingbird	r	0	0	0	0	0	1	0	2
California Thrasher	r	2	4	4	2	1	2	1	6
European Starling	r	8	5	5	3	2	2	40	5
Phainopepla	r	0	0	0	0	0	6	0	4
Orange-crowned Warbler	w,m	8	0	0	0	0	0	0	0
Yellow Warbler	s,m	4	14	13	16	12	10	10	0
Yellow-rumped Warbler	w,m	18	0	0	0	0	0	0	0
Common Yellowthroat	r	25	37	56	84	144	160	22	28
Wilson's Warbler	m	33	7	0	2	0	0	0	0
Yellow-breasted Chat	s	2	0	2	2	1	0	0	0
Spotted Towhee	r	26	22	24	10	22	23	6	2
California Towhee	r	57	29	42	60	7	13	18	37
Indigo-bird Sparrow	s	0	0	0	0	0	0	0	0
Lark Sparrow	r	0	0	2	0	0	0	11	6
Song Sparrow	r	98	100	160	140	192	165	42	68
Black-headed Grosbeak	s	7	16	26	23	36	24	13	18
Blue Grosbeak	s	0	1	0	1	4	6	4	18
Lazuli Bunting	s	0	0	0	0	6	19	3	19
Red-winged Blackbird	s	26	55	5	105	0	3	23	200
Brown-headed Cowbird	s	4	11	10	5	7	6	11	2
Hooded Oriole	s	0	0	0	1	0	0	1	0
Bullock's Oriole	s	4	2	1	4	5	2	6	0
House Finch	r	4	16	8	45	20	67	167	153
Lesser Goldfinch	r	12	0	1	1	10	2	5	17
American Goldfinch	w,m,r	22	0	0	0	0	0	0	0
House Sparrow	r	0	0	0	0	0	2	0	0

Status: m, migrant; r, resident; s, summer only; w, winter  
 numbers in parentheses are nestlings.



**Table 2. BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: Santa Clara River from McBean Highway to The Old Road.**

Endangered Species and Species of Concern Shaded									
SPECIES	STATUS	Dates of Surveys							
		4/13	5/1	5/18	5/28	6/9	6/22	7/2	7/13
Snowy Egret	m	0	1	0	0	0	0	0	0
Mallard	r	0	0	0	0	2	0	0	0
White-tailed Kite	r	0	0	0	0	0	0	0	0
Cooper's Hawk	r	0	0	0	0	0	0	0	0
Red-shouldered Hawk	r	0	0	0	1	2	0	1	0
Red-tailed Hawk	r	0	0	1	0	2	1	1	0
American Kestrel	r	0	0	0	2	0	0	0	0
California Quail	r	6	6	0	2	0	0	0	0
Killdeer	r	3	1	0	0	0	0	0	0
Mourning Dove	r	12	11	4	3	3	2	2	5
Greater Roadrunner	r	0	0	1	0	0	0	0	0
Barn Owl	r	1	0	0	0	0	0	0	0
White-th. Swift	r,m	0	6	0	0	0	0	0	0
Anna's Hummingbird	r	2	3	0	0	2	1	3	2
Nuttall's Woodpecker	r	1	2	4	4	1	4	4	2
Downy Woodpecker	r	0	0	0	0	1	2	1	1
Hairy Woodpecker	r	1	2	0	0	0	1	0	0
Pacific Slope Flycatcher	s	1	0	0	0	0	0	0	0
Black Phoebe	r	0	2	2	3	4	6	4	4
Ash-throated Flycatcher	s	3	3	5	3	4	2	5	3
Warbling Vireo	r	0	4	0	0	0	0	0	0
Western Scrub Jay	r	8	10	3	5	5	5	7	3
American Crow	r	2	2	2	0	1	6	0	0
Common Raven	r	4	2	12	4	5	2	8	3
N. Rough-winged Swallow	s	2	12	2	0	6	6	3	6
Cliff Swallow	s	0	10	6	8	12	12	3	0
Barn Swallow	s	0	1	0	0	0	0	0	0
Oak Titmouse	r	4	2	2	2	2	0	0	5
Bushlit	r	9	12	10	3	12	0	0	2
White-breasted Nuthatch	r	0	1	2	0	0	0	0	0
Bewick's Wren	r	16	9	3	6	4	5	4	6
House Wren	r	11	11	2	2	1	0	0	0
Western Bluebird	r	0	2	0	0	1	2	0	1
American Robin	r	0	0	0	0	0	1	0	0
Wrentit	r	1	0	0	1	0	0	0	0
Northern Mockingbird	r	1	0	0	0	0	0	0	1
California Thrasher	r	5	0	0	0	0	1	0	0
European Starling	r	4	11	2	3	0	0	0	1
Cedar Waxwing	w,m	0	8	1	0	0	0	0	0
Phainopepla	r	0	0	0	0	1	1	0	2
Orange-crowned Warbler	s	1	0	0	0	0	0	0	0
Black Warbler	r	2	6	1	1	2	0	0	0
Common Yellowthroat	r	3	4	3	5	5	2	8	1



Table 2 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: Santa Clara River from McBean Highway to The Old Road.									
---	--	--	--	--	--	--	--	--	--

Endangered Species and Species of Concern Shaded										
SPECIES	STATUS	Dates of Surveys								
		4/13	5/1	5/18	5/28	6/9	6/22	7/2	7/13	
Spotted Towhee	r	6	11	6	15	7	9	4	3	
California Towhee	r	7	9	4	4	3	0	4	6	
Song Sparrow	r	24	40	20	14	3	6	8	8	
Black-headed Grosbeak	s	3	13	7	8	6	5	5	1	
Blue Grosbeak	s	0	0	0	0	0	0	1	0	
Red-winged Blackbird	r	1	0	0	0	0	0	0	0	
Western Meadowlark	r	0	0	1	0	0	0	0	0	
Brown-headed Cowbird	r	0	3	0	1	0	0	0	0	
Bullock's Oriole	s	0	0	2	0	1	0	1	0	
House Finch	w,m,r	5	8	14	11	12	40	44	66	
Lesser Goldfinch	r	0	0	0	0	4	0	5	0	
American Goldfinch	m,s	2	2	0	0	0	0	0	0	
Status: m, migrant; r, resident; s, summer only; w, winter										
numbers in parentheses are nestlings										

Table 3. BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: Santa Clara River from Boquet Canyon Bridge to McBean Parkway Bridge									
Endangered Species and Species of Concern Shaded									
SPECIES	STATUS	Dates of Surveys							
		4/13	5/1	5/18	5/28	6/9	6/22	7/2	7/13
Great Egret	r	0	0	0	0	0	0	0	0
Mallard	r	2	0	2	3	2	1	0	0
Coopers Hawk	r	0	2	0	0	0	0	1	0
Red-tailed Hawk	r	0	0	1	1	2	1	0	0
California Quail	r	2	2	0	2	0	0	8	4
Killdeer	r	5	1	2	2	4	2	4	0
Rock Dove	r	0	0	0	0	0	4	0	0
Mourning Dove	r	5	6	3	3	7	8	2	2
Greater Roadrunner	r	1	0	0	0	0	0	0	0
Black-chinned Hummingbird	s	0	0	0	0	0	0	2	0
Anna's Hummingbird	r	0	1	2	0	3	1	5	3
Nuttall's Woodpecker	r	1	1	1	0	0	0	3	3
Western Wood Pewee	m	0	0	1	0	0	0	0	0
Gray Flycatcher	m	1	0	0	0	0	0	0	0
Say's Phoebe	r	0	1	0	0	0	0	0	0
Black Phoebe	r	3	2	2	2	3	2	3	4
Ash-throated Flycatcher	s	1	3	2	2	0	2	2	4
Western Kingbird	s	1	1	1	0	0	0	0	0
Western Scrub Jay	r	8	6	8	4	3	5	3	3
American Crow	r	0	2	0	0	2	1	1	1
Common Raven	r	20	16	36	21	46	54	29	6
N. Rough-winged Swallow	s	3	0	2	2	2	8	10	2
Cliff Swallow	s	20	14	3	14	7	3	14	4
Barn Swallow	s	3	0	0	3	0	0	4	0
Oak Titmouse	r	2	0	1	0	0	0	0	0
Bushtit	r	0	3	5	0	0	0	4	0
Bewick's Wren	r	10	4	5	3	1	4	3	3
House Wren	r	0	0	1	1	0	0	0	0
Western Bluebird	r	0	1	0	0	1	0	0	0
Wrentit	r	0	0	0	0	1	1	0	0
Northern Mockingbird	r	1	2	4	2	1	0	2	1
California Thrasher	r	0	1	0	0	0	0	0	1
European Starling	r	1	2	5	0	0	3	0	0
Cedar Waxwing	w,m	0	0	8	0	0	0	0	0
Phainopepla	r	1	0	0	0	1	1	0	0
Yellow Warbler	s,m	0	0	0	0	0	0	0	0
Yellow-rumped Warbler	w,m	3	0	0	0	0	0	0	0
MacGillivray's Warbler	m	1	0	0	0	0	0	0	0
Common Yellowthroat	r	3	2	4	3	3	3	0	1
Wilson's Warbler	m	3	0	0	1	0	0	0	0
Spotted Towhee	r	7	3	4	4	3	4	2	0
California Towhee	r	2	0	2	2	0	0	1	2
Lark Sparrow	r	0	0	0	0	0	1	0	0

Table 3 cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: Santa Clara River from Boquet Canyon Bridge to McBean Parkway Bridge

Endangered Species and Species of Concern Shaded									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

SPECIES	STATUS	Dates of Surveys								
		4/13	5/1	5/18	5/28	6/9	6/22	7/2	7/13	
Song Sparrow	r	16	16	20	12	12	7	2	2	
Black-headed Grosbeak	s	2	0	1	1	1	0	1	0	
Red-winged Blackbird	r	0	0	10	10	2	16	15	0	
Brewer's Blackbird	r	0	2	0	0	0	0	0	0	
Brown-headed Cowbird	s	1	2	1	0	0	1	4	0	
Bullock's Oriole	s	0	0	1	1	0	1	3	0	
House Finch	r	18	17	30	17	37	36	24	36	
Lesser Goldfinch	r	0	0	0	0	0	2	0	0	
American Goldfinch	w,m,r	10	0	0	0	0	0	0	0	
Status: m, migrant; r, resident; s, summer only; w, winter										
numbers in parentheses are nestlings										

**Table 4. BIRD SURVEYS OF THE SANTA CLARA RIVER BASIN, 2004: Santa Clara River from Boquet Canyon Bridge upstream for two miles.**

Endangered Species and Species of Concern Shaded						
SPECIES	STATUS	Dates of Surveys				
		5/16	6/12	6/27	7/4	7/16
Mallard	r	2	0	0	0	0
White-tailed Kite	r	0	0	0	0	0
Red-tailed Hawk	r	2	0	1	2	1
California Quail	r	82	4	9	5	3
Killdeer	r	12	0	0	0	0
Rock Dove	r	8	0	0	0	0
Mourning Dove	r	122	8	16	4	6
Greater Roadrunner	r	1	0	0	0	0
Black-chinned Hummingbird	s	1	0	0	1	0
Anna's Hummingbird	r	7	3	2	5	2
Costa's Hummingbird	s	1	0	0	0	0
Nuttall's Woodpecker	r	4	1	3	2	1
Downy Woodpecker	r	1	0	0	0	0
Northern Flicker	r	0	1	0	0	0
Say's Phoebe	r	2	1	0	0	0
Ash-throated Flycatcher	s	5	0	0	1	0
Western Kingbird	s	8	0	0	0	0
Loggerhead Shrike	r	0	0	0	0	0
Western Scrub Jay	r	27	12	15	9	6
American Crow	r	0	3	2	4	0
Common Raven	r	2	5	10	23	5
N. Rough-winged Swallow	s	2	2	1	0	0
Cliff Swallow	s	7	0	0	0	3
Barn Swallow	s	0	1	0	0	0
Oak Titmouse	r	4	0	0	0	0
Bushtit	r	19	5	2	6	2
Bewick's Wren	r	17	5	7	3	2
Wrentit	r	5	1	2	2	2
Northern Mockingbird	r	18	8	4	8	5
California Thrasher	r	8	0	1	0	0
European Starling	r	4	0	9	0	0
Phainopepla	r	30	8	2	6	3
Valley Warbler	s,m	0	0	0	0	0
Spotted Towhee	r	22	5	6	0	0
California Towhee	r	28	4	11	10	4
Worm-crowned Sparrow	r	0	0	0	0	0
Black-headed Grosbeak	s	4	0	0	2	0
Brown-headed Cowbird	s	2	0	1	0	0
Hooded Oriole	s	1	0	0	0	0
Bullock's Oriole	s	13	0	2	5	3
House Finch	r	60	26	41	45	45
House Sparrow	r	2	0	0	0	0

Status: m, migrant; r, resident; s, summer only; w, winter  
 numbers in parentheses are nestlings

Table 5. BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: Castaic Creek from I-5 to the Santa Clara River									
Endangered Species and Species of Concern Shaded									
SPECIES	STATUS	Dates of Surveys							
		4/15	5/6	5/19	5/30	6/10	6/23	7/3	7/14
White-tailed Kite		0	0	0	0	0	0	0	0
Cooper's Hawk		0	0	0	0	0	0	0	0
Red-shouldered Hawk	r	0	0	1	1	0	0	0	0
Red-tailed Hawk	r	1	2	2	4	9	2	2	0
American Kestrel	r	2	2	2	2	5	3	0	1
California Quail	r	76	25	14	21	31	52	68	21
Killdeer	r	5	2	0	3	3	2	0	0
Rock Dove	r	0	1	0	7	53	19	19	6
Mourning Dove	r	20	16	33	14	12	23	48	16
Black-chinned Hummingbird	s	0	1	0	2	0	1	0	6
Anna's Hummingbird	r	3	8	8	10	8	10	6	29
Costa's Hummingbird	s	0	0	0	1	1	1	1	1
Rufous Hummingbird	m	0	0	0	0	0	0	1	0
Nuttall's Woodpecker	r	1	7	3	0	7	6	3	5
Downy Woodpecker	r	7	2	2	3	6	5	6	0
Hairy Woodpecker	r	3	2	0	2	0	0	0	2
Northern Flicker	r	0	2	2	1	7	2	3	1
Western Wood-Pewee	m	0	0	0	2	0	0	0	0
Willow Flycatcher		0	0	0	2	0	0	0	0
Pacific Slope Flycatcher	s	0	0	0	1	0	0	0	0
Black Phoebe	r	0	2	0	0	2	0	0	2
Say's Phoebe	r	0	0	0	0	0	0	2	0
Ash-throated Flycatcher	s	7	8	6	5	18	5	9	1
Western Kingbird	s	0	2	3	2	0	8	6	0
Warbling Vireo	m	1	1	0	0	0	0	0	0
Western Scrub Jay	r	13	18	8	17	15	22	23	18
American Crow	r	0	4	3	5	1	0	1	0
Common Raven	r	9	3	2	5	1	9	4	13
Horned Lark	r	0	0	3	0	4	0	3	0
Violet-green Swallow	s	2	0	0	0	0	0	0	0
N. Rough-winged Swallow	s	44	23	34	48	25	15	9	0
Cliff Swallow	s	200	300	455	482	371	60	235	32
Barn Swallow	s	0	0	0	0	2	4	0	4
Oak Titmouse	r	4	13	9	6	8	21	8	12
Bushtit	r	6	4	8	34	26	31	2	31
Bewick's Wren	r	24	16	18	25	33	12	18	14
House Wren	r	11	0	0	10	6	4	0	2
Western Bluebird	r	0	0	2	5	0	3	3	0
American Robin	r	2	0	0	0	0	2	2	0
Wrentit	r	4	6	7	6	8	6	3	3
Northern Mockingbird	r	0	1	0	1	0	0	0	0
California Thrasher	r	12	9	2	4	7	4	16	3
European Starling	r	2	4	11	9	5	0	35	0

Table 5 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: Castaic Creek from I-5 to the Santa Clara River									
Endangered Species and Species of Concern Shaded									
SPECIES	STATUS	Dates of Surveys							
		4/15	5/6	5/19	5/30	6/10	6/23	7/3	7/14
Orange-crowned Warbler	w,m	2	0	0	0	0	0	0	0
Nashville Warbler	m	1	0	0	0	0	0	0	0
Yellow Warbler	s,m	1	2	0	0	0	0	0	0
Yellow-rumped Warbler	w,m	4	0	0	0	0	0	0	0
Common Yellowthroat	r	3	1	4	7	7	4	1	0
Wilson's Warbler	m	9	4	0	0	0	0	0	0
Yellow-breasted Chat	s	0	0	0	0	0	0	0	0
Spotted Towhee	r	17	26	20	21	39	10	26	4
California Towhee	r	32	35	18	18	39	19	55	20
Lark Sparrow	r	0	0	0	0	0	0	1	0
Song Sparrow	r	19	17	14	12	15	2	0	0
Black-headed Grosbeak	s	10	15	7	13	14	14	14	0
Blue Grosbeak	s	0	3	0	2	0	0	2	0
Red-winged Blackbird	s	4	9	7	6	0	5	40	0
Brewer's Blackbird	r	0	0	0	2	0	0	2	0
Brown-headed Cowbird	s	9	3	5	0	0	0	0	1
Hooded Oriole	s	0	1	2	0	0	0	0	1
Bullock's Oriole	s	2	6	2	5	7	2	0	0
House Finch	r	14	16	80	29	72	56	35	40
Lesser Goldfinch	r	6	2	4	3	1	4	0	1
House Sparrow	r	16	0	8	11	10	28	9	2
Status: m, migrant; r, resident; s, summer only; w, winter									
numbers in parentheses are nestlings									

Table 6. BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: San Franciscquito						
Creek from Santa Clara River to Copper Hill Drive.						
Endangered Species and Species of Concern Shaded						
SPECIES	STATUS	Dates of Surveys				
		5/17	6/11	6/26	7/6	7/17
White-tailed Kite	r					
Coopers Hawk	r					
Red-tailed Hawk	r	2	4	3	1	1
American Kestrel	r	2	2	0	1	2
California Quail	r	18	41	5	19	4
Killdeer	r	1	4	0	0	0
Rock Dove	r	4	0	0	0	0
Mourning Dove	r	50	28	32	23	15
Barn Owl	r	3	2	0	4	2
Black-chinned Hummingbird	s	0	0	1	0	3
Anna's Hummingbird	r	3	7	6	7	7
Costa's Hummingbird	s	0	0	1	0	0
Nuttall's Woodpecker	r	3	5	5	3	3
Black Phoebe	r	0	1	1	3	0
Say's Phoebe	r	3	0	0	0	0
Ash-throated Flycatcher	s	4	6	4	3	3
Western Kingbird	s	2	6	10	6	1
Western Scrub Jay	r	10	8	10	5	8
American Crow	r	2	0	0	1	1
Common Raven	r	12	3	9	7	6
N. Rough-winged Swallow	s	1	4	0	0	0
Cliff Swallow	s	2	8	56	8	11
Barn Swallow	s	1	1	1	0	1
Oak Titmouse	r	0	4	0	0	0
Bushtit	r	0	3	2	18	3
Bewick's Wren	r	10	8	8	3	6
House Wren	r	1	0	0	0	0
Western Bluebird	r	0	1	4	2	0
Wrentit	r	0	0	1	0	0
Northern Mockingbird	r	4	6	6	5	8
California Thrasher	r	0	1	1	1	0
European Starling	r	2	3	6	2	8
Phainopepla	r	27	23	10	12	2
Yellow Warbler	s					
Common Yellowthroat	r	0	0	1	1	0
Spotted Towhee	r	8	8	6	6	3
California Towhee	r	20	2	6	7	3
Song Sparrow	r	6	4	1	0	0
Black-headed Grosbeak	s	2	2	3	1	2
Blue Grosbeak	s	0	0	0	0	1
Lazuli Bunting	s	2	0	0	0	0
Red-winged Blackbird	s	0	12	5	8	0
Brewer's Blackbird	r	2	0	0	0	0

Table 6 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: San Francisco				
Creek from Santa Clara River to Copper Hill Drive.				

Endangered Species and Species of Concern Shaded						
SPECIES	STATUS	Dates of Surveys				
		5/17	6/11	6/26	7/6	7/17
Brown-headed Cowbird	s	1	0	0	1	0
Bullock's Oriole	s	5	13	9	6	3
House Finch	r	66	91	140	175	176
Lesser Goldfinch	r	5	4	5	2	25
Status: m, migrant; r, resident; s, summer only; w, winter numbers in parentheses are nestlings						



Table 7. BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: South Fork from				
Rte 126 downstream to Santa Clara River.				

Endangered Species and Species of Concern Shaded						
SPECIES	STATUS	Dates of Surveys				
		5/17	6/11	6/26	7/6	7/17
Red-tailed Hawk	r	0	2	1	3	0
California Quail	r	10	10	2	0	1
Rock Dove	r	6	0	0	0	0
Mourning Dove	r	27	9	6	10	4
Greater Roadrunner	r	2	0	0	0	0
Black-chinned Hummingbird	s	3	0	0	1	2
Anna's Hummingbird	r	9	3	5	3	4
Nuttall's Woodpecker	r	2	2	1	2	0
Black Phoebe	r	1	1	0	7	0
Ash-throated Flycatcher	s	5	2	0	0	1
Western Kingbird	s	2	0	0	0	0
Western Scrub Jay	r	11	1	4	0	4
American Crow	r	0	1	2	0	0
Common Raven	r	19	3	4	4	3
N. Rough-winged Swallow	s	18	10	3	0	0
Cliff Swallow	s	28	14	14	0	0
Barn Swallow	s	1	0	0	0	0
Oak Titmouse	r	1	0	0	0	0
Bushtit	r	0	0	2	4	0
Bewick's Wren	r	11	2	8	4	7
House Wren	r	0	0	0	1	0
American Robin	r	0	0	1	0	0
Wrentit	r	3	0	3	0	0
Northern Mockingbird	r	5	2	0	0	1
California Thrasher	r	2	0	0	0	0
European Starling	r	7	2	0	0	0
Spotted Towhee	r	4	0	3	0	0
California Towhee	r	14	0	5	5	1
Song Sparrow	r	2	0	0	0	0
Black-headed Grosbeak	s	1	0	0	0	0
Red-winged Blackbird	s	0	0	2	0	0
Brewer's Blackbird	r	0	0	5	0	0
Brown-headed Cowbird	s	2	0	1	0	0
Bullock's Oriole	s	1	4	0	0	0
House Finch	r	136	49	42	28	32
Lesser Goldfinch	r	4	5	11	3	1
House Sparrow	r	0	8	0	0	1

Status: m, migrant; r, resident; s, summer only; w, winter  
 numbers in parentheses are nestlings

Table 8. BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: South Fork of the Santa Clara River from Route 126 upstream to Coyote Creek.						
Endangered Species and Species of Concern Shaded						
SPECIES	STATUS	Dates of Surveys				
		17-May	11-Jun	26-Jun	6-Jul	17-Jul
Mallard	r	0	0	3	0	0
Red-shouldered Hawk	r	1	0	2	0	0
Red-tailed Hawk	r	1	0	2	1	0
California Quail	r	18	26	2	6	33
Killdeer	r	0	3	4	0	2(1)
Mourning Dove	r	12	10	15	9	11
White-th. Swift	r	4	4	2	0	0
Black-chinned Hummingbird	s	1	7	1	6	2
Anna's Hummingbird	r	16	11	3	18	12
Costa's Hummingbird	s	0	2	0	3	0
Rufous Hummingbird	m	0	0	0	1	0
Nuttall's Woodpecker	r	4	3	2	5	2
Downy Woodpecker	r	1	0	0	1	0
Black Phoebe	r	2	2	6	3	3
Say's Phoebe	r	0	0	1	1	1
Ash-throated Flycatcher	s	5	3	0	1	0
Western Kingbird	s	4	0	7	1	3
Western Scrub Jay	r	4	6	16	11	15
American Crow	r	8	3	0	7	3
Common Raven	r	11	8	8	8	6
N. Rough-winged Swallow	s	24	30	2	0	0
Cliff Swallow	s	0	12	2	0	0
Oak Titmouse	r	0	12	1	0	0
Bushtit	r	6	17	5	15	2
Bewick's Wren	r	8	21	1	9	1
House Wren	r	0	4	0	0	2
Western Bluebird	r	0	0	1	0	0
American Robin	r	0	0	2	0	0
Wrentit	r	1	2	4	4	0
Northern Mockingbird	r	5	4	5	2	4
California Thrasher	r	6	5	2	3	5
European Starling	r	4	3	0	0	4
Yellow Warbler	s	0	0	0	0	0
Common Yellowthroat	r	3	10	3	1	0
Wilson's Warbler	m	1	0	0	0	0
Western Tanager	m	2	0	0	0	0
Spotted Towhee	r	10	8	4	8	2
California Towhee	r	30	21	13	28	13
Song Sparrow	r	10	18	4	4	7
Black-headed Grosbeak	s	5	7	0	4	0
Red-winged Blackbird	s	8	2	0	0	0
Brown-headed Cowbird	s	4	7	4	0	1

**Table 8 (cont.). BIRDS OF THE SANTA CLARA RIVER BASIN, 2004: South Fork of the Santa Clara River from Route 126 upstream to Coyote Creek.**

Endangered Species and Species of Concern Shaded						
SPECIES	STATUS	Dates of Surveys				
		17-May	11-Jun	28-Jun	6-Jul	17-Jul
Hooded Oriole	s	1	0	0	0	0
Bullock's Oriole	s	8	2	2	1	0
House Finch	r	49	52	51	50	103
Lesser Goldfinch	r	2	4	3	8	0
American Goldfinch	w,m,r	0	1	0	0	
House Sparrow	r	11	16	30	3	28
Status: m, migrant; r, resident; s, summer only; w, winter						
numbers in parentheses are nestlings						

**Willow Flycatcher Survey and Detection Form (rev. 4/98)**

Site Name Santa Clara River: Castaic Creek to Boquet Canyon Rd. ~~Total Site No.~~

Was site surveyed in previous year? **Yes** Drainage Santa Clara River

If yes, what site name was used? Upper Santa Clara River: Sections 1-3

County Los Angeles State CA USGS Quad Name Newhall

*Is copy of USGS map marked with survey area and WIFL sightings attached (as required)?* ☒ **Yes** ☐ **No**

Site Coordinates: Start: N 34 25.415 W 118 32.399 UTM

Stop: N 34 25.172 W 118 38.070 UTM Zone

Elevation 980 - 1125 ft. feet / meters (circle one)

**\*\* Fill in additional site information on back of this page \*\***

Survey #. Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding, number of nests, nest contents or number of fledges seen; potential threats)
D. Guthrie J. Sugden	Date 5/18 start 6:30 stop 9:00 total hrs 2.5	0	0	0	n	Y	Y	
D. Guthrie J. Sugden	Date 6/9 Start 6:30 Stop 9:00 total hrs 2.5	0	0	0	n	Y	N	
D. Guthrie J. Sugden	Date 6/22 Start 6:30 Stop 9:00 total hrs 2.5	0	0	0	n	Y	N	
D. Guthrie J. Sugden	Date 7/2 start 6:30 stop 9:00 total hrs 2.5	0	0	0	n	Y	N	
D. Guthrie J. Sugden	Date 7/13 start 6:30 stop 9:00 total hrs 2.5	0	0	0	n	Y	N	
Overall Site Summary (Total only resident WIFLs) Total survey hrs 25 12.5 guthrie, 12.5 sugden		Adults 0	Pairs 0	Territories 0	Nests 0	Were any WIFLs color-banded? No  If yes, report color combination(s) in the comments section on back of form		

Name of Reporting Individual Dan Guthrie Date Report Completed 7/20/04

*Submit the original of this form. Retain a copy for your records.*

*Fill in the following information completely. Submit original form. Retain copy for your records.*

Name of Reporting Individual Dan Guthrie Phone # 909 607 2836

Affiliation Claremont Colleges Email dguthrie@jsd.claremont.edu

Site Name Santa Clara River: Castaic Creek to Boquet River Bridge

Did you verify that this site name is consistent with that used in previous years? Yes No ? (circle one)

This is a section of site previously lumped as upper Santa Clara River, sections 1-3

Management Authority for Survey Area (circle one):

Federal Municipal/County State Tribal Private

Name of Management Entity or Owner (e.g., Tonto National Forest) Newhall Land Co.

Length of area surveyed: 5.9 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)

Did you survey the same general area during each visit to this site this year? Yes/ If no, summarize in comments below.

If site was surveyed last year, did you survey the same general area this year? Yes/ If no, summarize in comments below.

Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one):

Native broadleaf plants

☒ Mixed native and exotic plants (mostly native)  
(entirely or almost entirely, includes high-elevation willow)

☐ Mixed native and exotic plants (mostly exotic) ☐ Exotic/introduced plants (entirely or almost entirely)

Identify the 2-3 predominant tree/shrub species: Cottonwood, willow, tamarisk

Average height of canopy: 40 ft. (specify units)

Was surface water or saturated soil present at or adjacent to site? yes.

Distance from the site to surface water or saturated soil: \_\_\_\_\_ (specify units)

Did hydrological conditions change significantly among visits (did the site flood or dry out)? No (circle one)

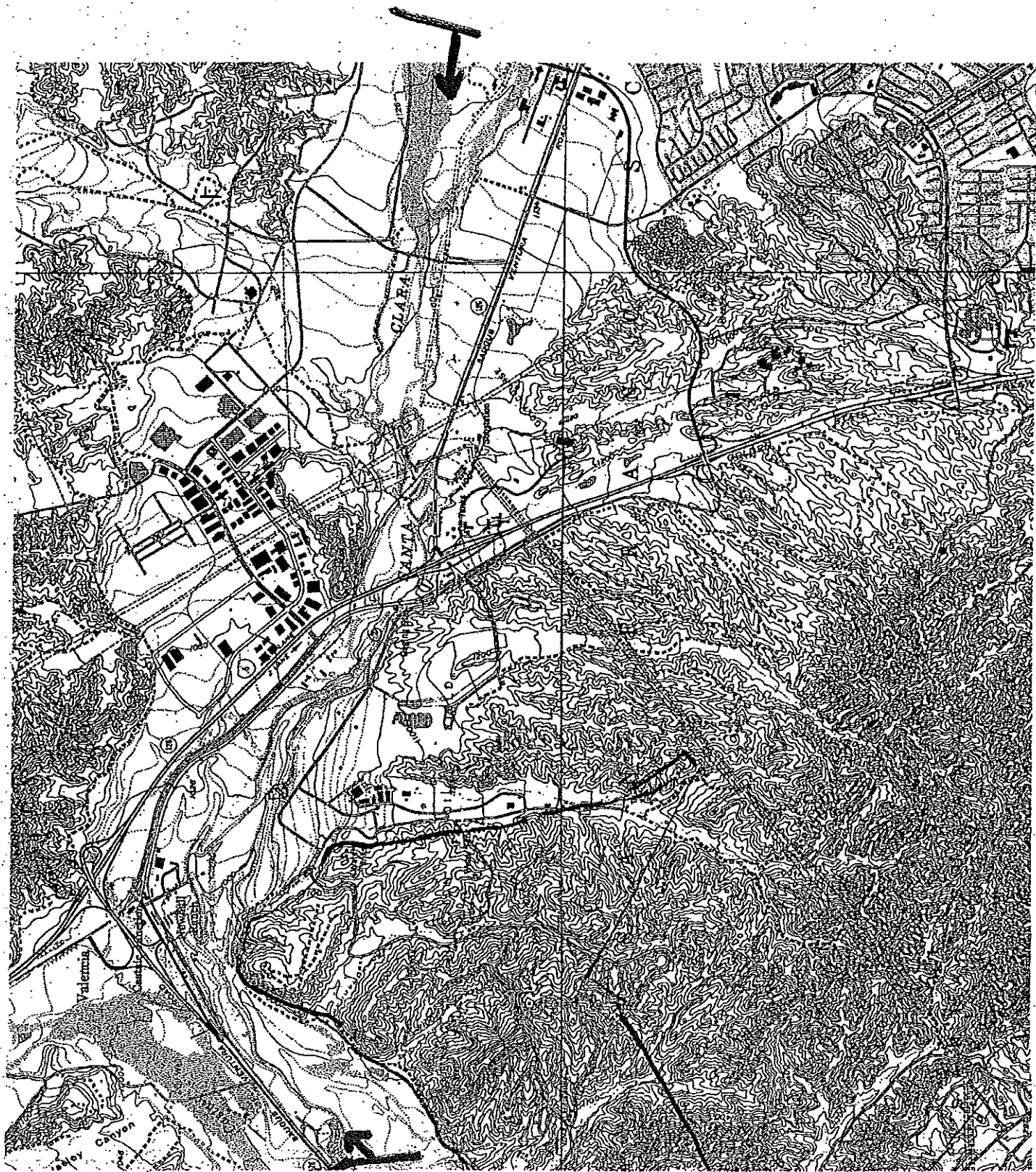
If yes, describe in comments section below. no water present except for 50 yd section trickle in center of section.

Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.

Comments (attach additional sheets if necessary): \_\_\_\_\_

Santa Clara River flows discontinuously along this section of the river. Water is provided by two sewage treatment plants. There was no natural flow during the survey period.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**Willow Flycatcher Survey and Detection Form (rev. 4/98)**

Site Name Castaic Creek ~~Total Site No~~

Was site surveyed in previous year? Yes ☐ No ☐ Drainage Santa Clara River

If yes, what site name was used? Upper Santa Clara River, section 5

County Los Angeles State CA USGS Quad Name Newhall

*Is copy of USGS map marked with survey area and WIFL sightings attached (as required)?* ☒ Yes ☐ No

Site Coordinates: Start: N 34 25/306 W 118 36.755 UTM

Stop: N 34 26 W 118 37 UTM Zone

Elevation 950-1027 ft.            feet / meters (circle one)

**\*\* Fill in additional site information on back of this page \*\***

Survey # Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent- sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding, number of nests, nest contents or number of fledges seen; potential threats)
J. Sugden _____ _____ _____	Date 5/19 start 6:30 stop 8:30 total hrs <u>2.0</u>	0	0	0	n	Y	n	
J. Sugden _____ _____ _____	Date 5/30 Start 6:30 Stop 8:30 total hrs <u>2.0</u>	2	0	0	n	Y	N	Belived late migrants
J. Sugden _____ _____ _____	Date 6/10 Start 6:30 Stop 8:30 total hrs <u>2.0</u>	0	0	0	n	Y	N	
J. Sugden _____ _____ _____	Date 7/3 start 6:30 stop 8:30 total hrs <u>2.0</u>	0	0	0	n	Y	N	
J. Sugden _____ _____ _____	Date 7/14 start 6:30 stop 8:30 total hrs <u>2.0</u>	0	0	0	n	Y	N	
Overall Site Summary (Total only resident WIFLs)		Adults <u>2</u>	Pairs <u>0</u>	Territories <u>0</u>	Nests <u>0</u>	Were any WIFLs color-banded? <u>No</u>  If yes, report color combination(s) in the comments section on back of form		
Total survey hrs <u>10.0</u>								

Name of Reporting Individual Dan Guthrie Date Report Completed 7/20/04

*Submit the original of this form. Retain a copy for your records.*

*Fill in the following information completely. Submit original form. Retain copy for your records.*

Name of Reporting Individual Dan Guthrie Phone # 909 607 2836

Affiliation Claremont Colleges Email dguthrie@jcd.claremont.edu

Site Name Castaic Creek

Did you verify that this site name is consistent with that used in previous years? Yes No ? (circle one)

This is a section of site previously lumped as upper Santa Clara River, section 5.

Management Authority for Survey Area (circle one):

Federal Municipal/County State Tribal Private

Name of Management Entity or Owner (e.g., Tonto National Forest) Newhall Land Co.

Length of area surveyed: 2 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)

Did you survey the same general area during each visit to this site this year? Yes / If no, summarize in comments below.

If site was surveyed last year, did you survey the same general area this year? Yes / If no, summarize in comments below.

Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one):

Native broadleaf plants

☒ ☐ Mixed native and exotic plants (mostly native)  
(entirely or almost entirely, includes high-elevation willow)

☐ Mixed native and exotic plants (mostly exotic) ☐ Exotic/introduced plants (entirely or almost entirely)

Identify the 2-3 predominant tree/shrub species: Cottonwood, willow, tamarisk

Average height of canopy: 40 ft. (specify units)

Was surface water or saturated soil present at or adjacent to site? No see comment

Distance from the site to surface water or saturated soil: see comment

Did hydrological conditions change significantly among visits (did the site flood or dry out)? No (circle one)

If yes, describe in comments section below. no water present except for 50 yd section trickle in center of section.

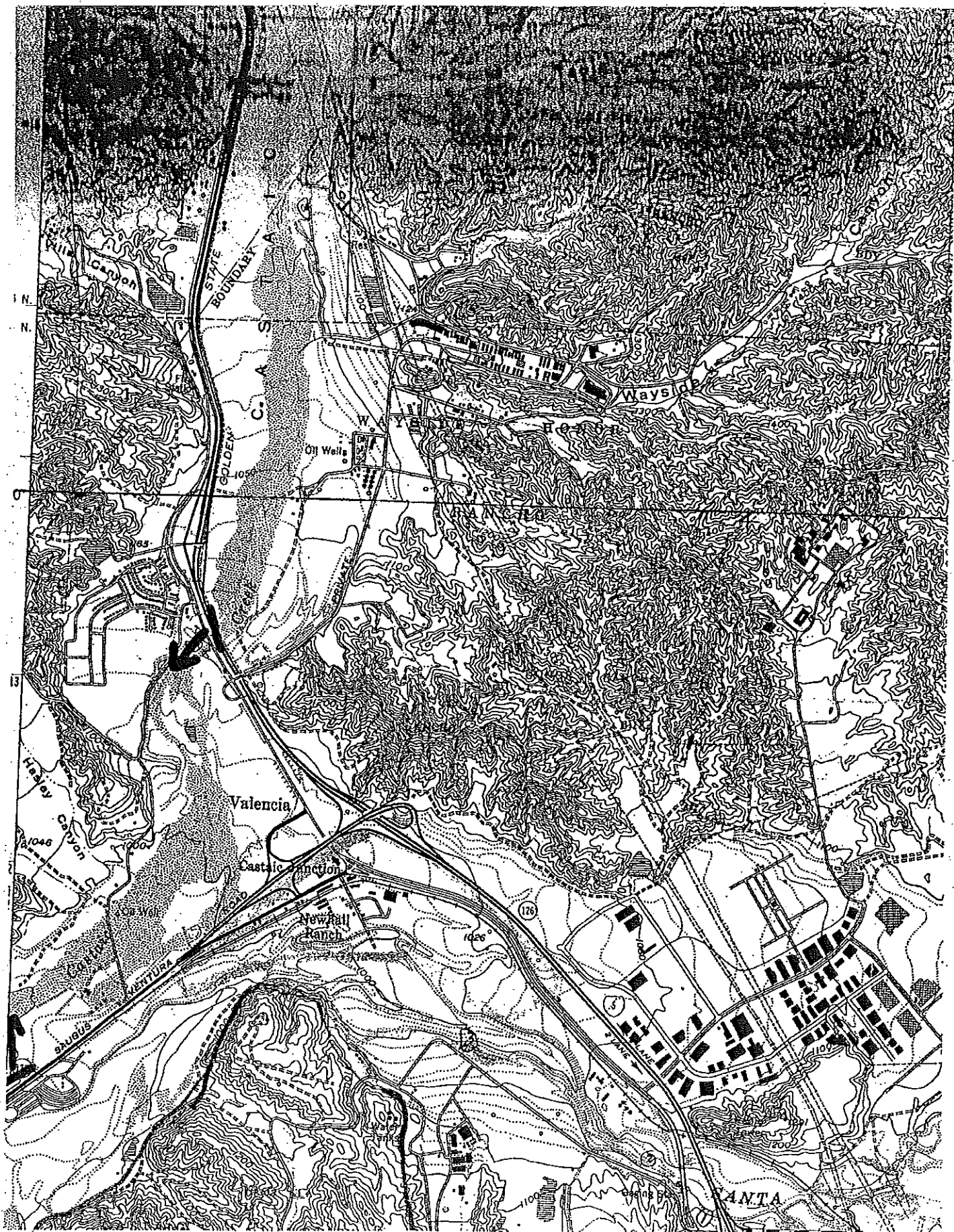
Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.

Comments (attach additional sheets if necessary):

Water in this section of Castaic Creek comes from releases from Castaic Dam. There were no releases during the survey period. Some residential runoff was present at upper section of survey area but the rest of the creek was dry. Nearest water in Santa Clara River a mile away.

The timing of this sighting suggests that the bird was a migrant passing through the area. Its identity to subspecies is not known. It may have belonged to a subspecies other than southwestern.





**Willow Flycatcher Survey and Detection Form (rev. 4/98)**

Site Name Santa Clara River above Bouquet Canyon rd. ~~Total Site No~~

Was site surveyed in previous year? Yes No      Drainage Santa Clara River

If yes, what site name was used? same as above

County Los Angeles State CA USGS Quad Name Newhall

*Is copy of USGS map marked with survey area and WIFL sightings attached (as required)?* ☒ Yes ☐ No

Site Coordinates: Start: N 34 25.415 W 118 32.399 UTM

Stop: N 34 25.515 W 118 30.125 UTM Zone

Elevation 1125-1320 ft.  feet / meters (circle one)

**\*\* Fill in additional site information on back of this page \*\***

Survey # Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g.: evidence of pairs or breeding, number of nests, nest contents or number of fledges seen; potential threats)
J. Sugden	Date 5/16 start 6 stop 7:30 total hrs <u>1.5</u>	0	0	0	N	n	n	
d. Guthrie	Date 6/12 Start 6:00 Stop 7:30 total hrs <u>1.5</u>	0	0	0	n	n	N	
D. Guthrie	Date 6/27 Start 6:00 Stop 7:30 total hrs <u>1.5</u>	0	0	0	n	n	N	
D. Guthrie	Date 7/4 start 6:00 stop 7:30 total hrs <u>1.50</u>	0	0	0	n	n	N	
D. Guthrie	Date 7/15 start 6:00 stop 7:30 total hrs <u>1.5</u>	0	0	0	n	n	N	
Overall Site Summary (Total only resident WIFLs)		Adults 0	Pairs 0	Territories 0	Nests 0	Were any WIFLs color-banded? No  If yes, report color combination(s) in the comments section on back of form		
Total survey hrs <u>7.5</u>								

Name of Reporting Individual Dan Guthrie Date Report Completed 7/20/04

*Submit the original of this form. Retain a copy for your records.*

*Fill in the following information completely. Submit original form. Retain copy for your records.*

Name of Reporting Individual Dan Guthrie Phone # 909 607-2836

Affiliation Claremont Colleges Email: dguthrie@jsd.claremont.edu

Site Name Santa Clara River above boquet Canyon Rd.

Did you verify that this site name is consistent with that used in previous years?

This is a section of site previously lumped as upper Santa Clara River, section 4.

Management Authority for Survey Area (circle one):

[illegible]

Name of Management Entity or Owner (e.g., Tonto National Forest) Newhall Land Co.

Length of area surveyed: 2 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)

Did you survey the same general area during each visit to this site this year? Yes / If no, summarize in comments below.

If site was surveyed last year, did you survey the same general area this year? Yes / If no, summarize in comments below.

**Vegetation Characteristics:** Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one):

**: Native broadleaf plants**

**XX□ Mixed native and exotic plants (mostly native)**

(entirely or almost entirely, includes high-elevation willow)

☐ Mixed native and exotic plants (mostly exotic).☐ Exotic/introduced plants (entirely or almost entirely)

Identify the 2-3 predominant tree/shrub species: Cottonwood, Baccharis, tamarisk

Average height of canopy: 30 ft. if present. (specify units)

Was surface water or saturated soil present at or adjacent to site? No

Distance from the site to surface water or saturated soil:      water starts at downstream end of section. (specify units)

Did hydrological conditions change significantly among visits (did the site flood or dry out)? No (circle one)

If yes, describe in comments section below. no water present except for 50 yd section trickle in center of section.

Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.

Comments (attach additional sheets if necessary):

[illegible]



(MINT CANYON)  
2352 IV NW

SOLEMIT 2.7 MI.

Newhall  
(BM 1274)

Placerita  
Ranch

**Willow Flycatcher Survey and Detection Form (rev. 4/98)**

Site Name San Francisquito Creek ~~Total Site No~~

Was site surveyed in previous year? Yes ☐ No ☐ Drainage Santa Clara River

If yes, what site name was used? same as above

County Los Angeles State CA USGS Quad Name Newhall

*Is copy of USGS map marked with survey area and WIFL sightings attached (as required)?* ☒ Yes ☐ No

Site Coordinates: Start: N 34 25.631 W 118 33.899 UTM

Stop: N 34 27.752 W 118 33.047 UTM Zone

Elevation 1125-1300 ft. feet / meters (circle one)

**\*\* Fill in additional site information on back of this page \*\***

Survey # Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding, number of nests, nest contents or number of fledges seen, potential threats)
D. Guthrie _____ _____	Date 5/17 start 6:30 stop 8:30 total hrs <u>2.0</u>	0	0	0	n	n	n	
D. Guthrie _____ _____	Date 6/11 Start 6:30 Stop 8:30 total hrs <u>2</u>	0	0	0	n	n	N	
D. Guthrie _____ _____	Date 6/26 Start 6:30 Stop 8:30 total hrs <u>2.0</u>	0	0	0	n	n	N	
D. Guthrie _____ _____	Date 7/6 start 6:30 stop 8:30 total hrs <u>2.0</u>	0	0	0	n	n	N	
D. Guthrie _____ _____	Date 7/17 start 6:30 stop 8:30 total hrs <u>2.0</u>	0	0	0	n	n	N	
Overall Site Summary (Total only resident WIFLs)		Adults 0	Pairs 0	Territories 0	Nests 0	Were any WIFLs color-banded? No  If yes, report color combination(s) in the comments section on back of form		
Total survey hrs <u>10.0</u>								

Name of Reporting Individual Dan Guthrie Date Report Completed 7/20/04

**Submit the original of this form. Retain a copy for your records.**

Fill in the following information completely. Submit original form. Retain copy for your records.

Name of Reporting Individual Dan Guthrie Phone # 909 607 2836

Affiliation Claremont Colleges Email dguthrie@jsd.claremont.edu

Site Name San Francisquito Creek

Did you verify that this site name is consistent with that used in previous years? Yes No ? (circle one)

This is a section of site previously lumped as upper Santa Clara River

Management Authority for Survey Area (circle one):

Federal Municipal/County State Tribal Private

Name of Management Entity or Owner (e.g., Tonto National Forest) Newhall Land Co.

Length of area surveyed: 2 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)

Did you survey the same general area during each visit to this site this year? Yes/ If no, summarize in comments below.

If site was surveyed last year, did you survey the same general area this year? Yes/ If no, summarize in comments below.

Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one):

Native broadleaf plants

☒ Mixed native and exotic plants (mostly native)  
(entirely or almost entirely, includes high-elevation willow)

☐ Mixed native and exotic plants (mostly exotic)

☐ Exotic/introduced plants (entirely or almost entirely)

Identify the 2-3 predominant tree/shrub species: Cottonwood, willow, tamarisk

Average height of canopy: 40 ft. (specify units)

Was surface water or saturated soil present at or adjacent to site? No water present only for 50 yds in middle of section.

Distance from the site to surface water or saturated soil: \_\_\_\_\_ (specify units)

Did hydrological conditions change significantly among visits (did the site flood or dry out)? No (circle one)

If yes, describe in comments section below. no water present except for 50 yd section trickle in center of section.

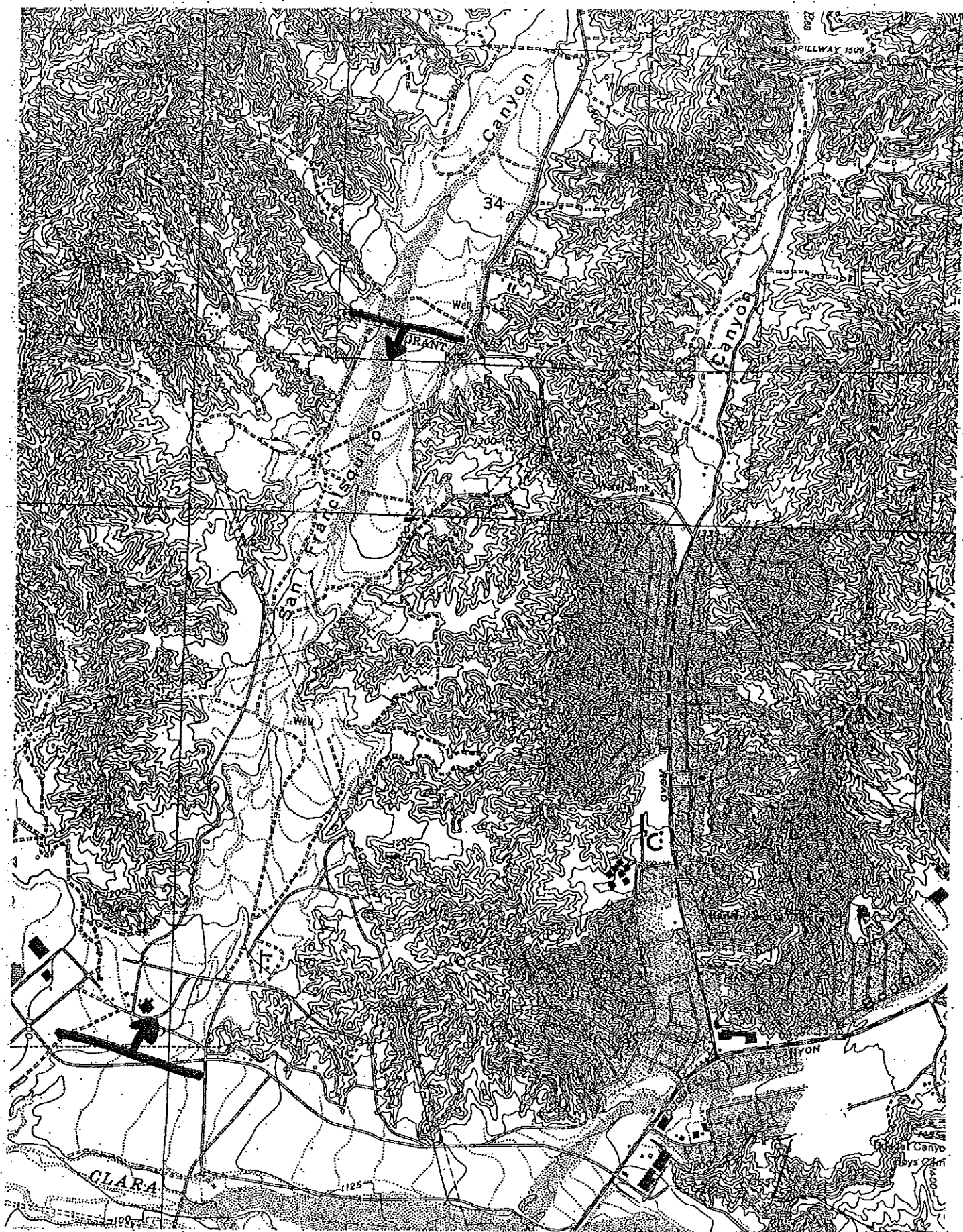
Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.

Comments (attach additional sheets if necessary): \_\_\_\_\_

spring runoff occurred in March. There was no flowing water present during the survey period except for small area of suburban runoff in middle of section.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_





**Willow Flycatcher Survey and Detection Form (rev. 4/98)**

Site Name South Fork Los Angeles

Was site surveyed in previous year? **Yes**

Drainage Santa Clara River

If yes, what site name was used? South Fork

County Los Angeles

State CA

USGS Quad Name Newhall

*Is copy of USGS map marked with survey area and WIFL sightings attached (as required)?* ☒ **Yes** ☐ **No**

Site Coordinates: Start: N 34 23.735

W 118 32.354

UTM

Stop: N 34 25.507

W 118 33.710

UTM

Zone

Elevation 1120- 1200 ft. feet / meters (circle one)

**\*\* Fill in additional site information on back of this page \*\***

Survey # Observer(s)	Date (m/d/y) Survey time	Number of WIFLs Found	Estimated Number of Pairs	Estimated Number of Territories	Nest(s) Found? Y or N	Cowbirds Detected? Y or N	Presence of Livestock, Recent sign Y or N	Comments about this survey (e.g., evidence of pairs or breeding, number of nests, nest contents or number of fledges seen; potential threats)
J. Sugden	Date 5/17 start 6:30 stop 8:30 total hrs 2.0	0	0	0	n	Y	n	
J. Sugden	Date 6/11 Start 6:30 Stop 8:30 total hrs 2	1	0	0	n	Y	N	Non-singing
J. Sugden	Date 6/26 Start 6:30 Stop 8:30 total hrs 2.0	0	0	0	n	Y	N	
J. Sugden	Date 7/6 start 6:30 stop 8:30 total hrs 2.0	0	0	0	n	Y	N	
J. Sugden	Date 7/17 start 6:30 stop 8:30 total hrs 2.0	0	0	0	n	Y	N	
Overall Site Summary (Total only resident WIFLs)		Adults 1	Pairs 0	Territories 0	Nests 0	Were any WIFLs color-banded? <b>No</b>  If yes, report color combination(s) in the comments section on back of form		
Total survey hrs 10.0								

Name of Reporting Individual Dan Guthrie Date Report Completed 7/20/04

**Submit the original of this form. Retain a copy for your records.**



Fill in the following information completely. Submit original form. Retain copy for your records.

Name of Reporting Individual Dan Guthrie Phone # 909 607 2836

Affiliation Claremont Colleges Email dguthrie@jcd.claremont.edu

Site Name South Fork, Santa Clara River

Did you verify that this site name is consistent with that used in previous years? Yes No ? (circle one).

This is a section of site previously lumped as upper Santa Clara River

Management Authority for Survey Area (circle one):

Federal Municipal/County State Tribal Private

Name of Management Entity or Owner (e.g., Tonto National Forest) Newhall Land Co.

Length of area surveyed: 2 miles (specify units, e.g., miles = mi, kilometers = km, meters = m)

Did you survey the same general area during each visit to this site this year? Yes / If no, summarize in comments below.

If site was surveyed last year, did you survey the same general area this year? Yes / If no, summarize in comments below.

Vegetation Characteristics: Overall, are the species in tree/shrub layer at this site comprised predominantly of (check one):

Native broadleaf plants

☒ Mixed native and exotic plants (mostly native)

(entirely or almost entirely, includes high-elevation willow)

☐ Mixed native and exotic plants (mostly exotic)

☐ Exotic/introduced plants (entirely or almost entirely)

Identify the 2-3 predominant tree/shrub species: Cottonwood, willow, tamarisk

Average height of canopy: 30ft. (specify units)

Was surface water or saturated soil present at or adjacent to site? No water present only in three spots due to suburban runoff.

Distance from the site to surface water or saturated soil: \_\_\_\_\_ (specify units)

Did hydrological conditions change significantly among visits (did the site flood or dry out)? No (circle one).

If yes, describe in comments section below. no water present except for 50 yd section trickle in center of section.

Remember to attach a xerox copy of a USGS quad/topographical map (REQUIRED) of the survey area, noting the survey site and location of WIFL detections. You may also include a sketch or aerial photograph showing details of site location, patch shape, survey route in relation to patch, and location of any willow flycatchers or willow flycatcher nests detected. Such sketches or photographs are welcomed, but DO NOT substitute for the required USGS quad map.

Comments (attach additional sheets if necessary): \_\_\_\_\_

No flowing water along this section. There were small puddles due to runoff from neighboring suburbs. These support stands of cottonwood where flycatcher was seen. Non singing and time of observation suggests a northern subspecies.

---

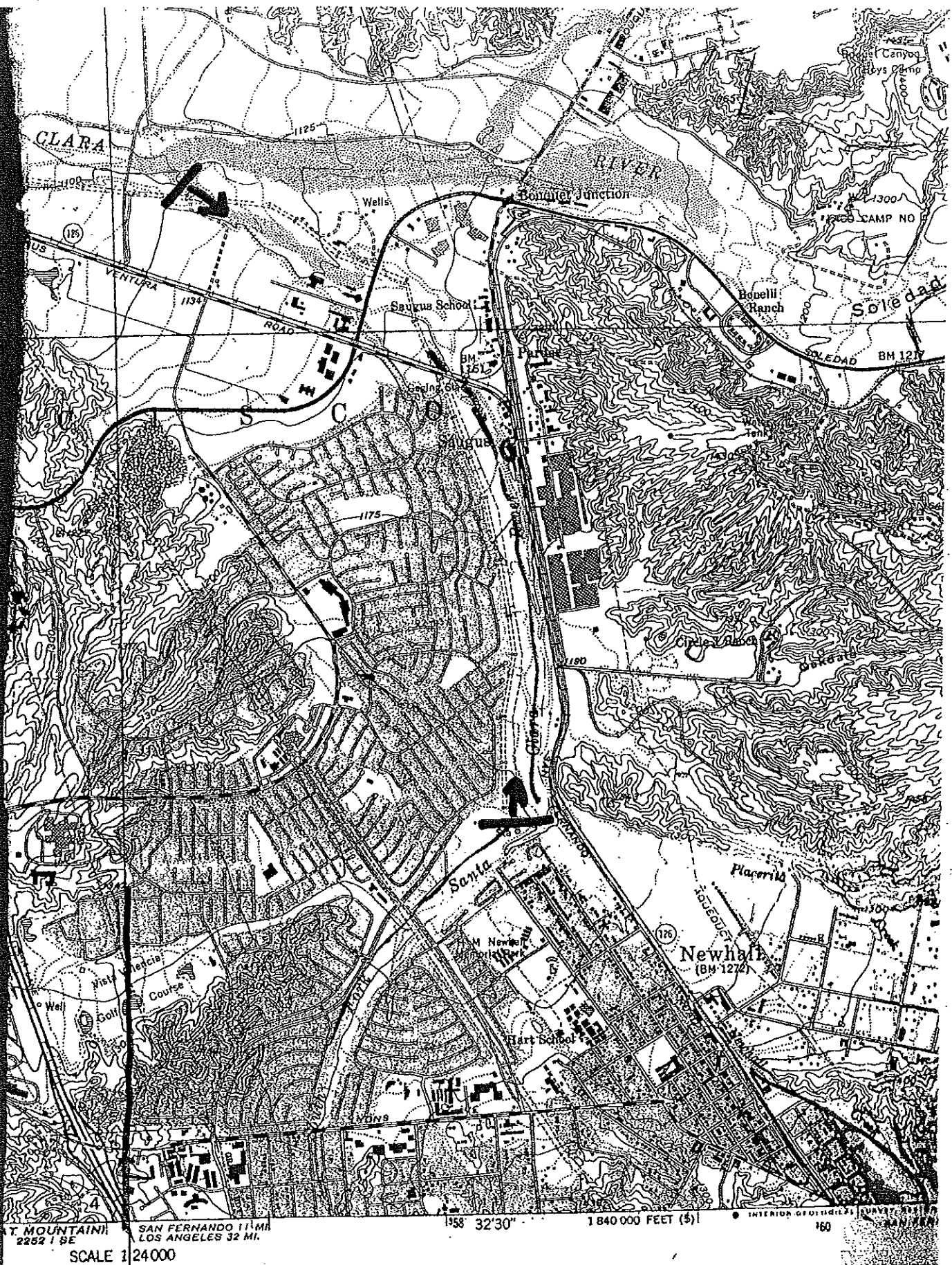
---

---

---

---

---



MS

**BIRD SURVEYS ALONG A PORTION OF THE  
SANTA CLARA RIVER AND ITS TRIBUTARIES  
UPSTREAM FROM THE CASTAIC CREEK CONFLUENCE,  
NEAR VALENCIA, CALIFORNIA, 2004**

Prepared for:

Mark Subbotin  
Valencia Corporation  
23823 Valencia Blvd.  
Valencia, Ca. 91355

Prepared by:

Daniel A. Guthrie  
W.M. Keck Science Center  
925 N. Mills Ave  
Claremont Ca. 91711  
(909) 607-2836  
dguthrie@jcd.claremont.edu

August 24, 2004

**REVISED**